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WUNTRONIC
Mess-, Steuer- und Regelgeräte GmbH

Thunderbolt™ PCI Express ® Expansion with 3 Slots

Thunderbolt-to-PCIe, 3 Slot PCI Express® x8 and x4 Gen-2 Expansion System

Modell EB3T and EB3T-DB

Connect PCI Express® Cards to Any Computer with a Thunderbolt Port

- Supports (3) full-length PCI Express cards
- Two x8 and One x4 - PCIe Gen 2
- Thunderbolt features speeds up to 10Gbps
- Daisy-chain up to six Thunderbolt devices
- 250W power supply with auxiliary power connectors
- Optional built in drive-bay for up to four (4) 2.5” SSD or SAS/SATA drives

THUNDERBOLT

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UNLEASH the POWER!

Connect PCI Express® Cards to a Thunderbolt™ equipped computer and experience blazing-fast data transfer.

PCI Express, meet Thunderbolt

The Magma ExpressBox 3T is designed to match the throughput established by Intel's Thunderbolt technology and the majority of PCIe cards on the market today. The expansion chassis contains three PCI Express slots connected to the computer through a Thunderbolt cable. Add one or more PCIe cards to Magma ExpressBox 3T and your Thunderbolt equipped computer turns into a powerful audio/video editing or scientific workstation.

High-Speed I/O Technology

Developed by Intel® and brought to market with collaboration from Apple, Thunderbolt technology is a high-speed I/O technology running at 10Gbps per second that brings together high-speed data transfer and high-definition (HD) display on to a single cable. High performance workflows are possible by connecting a Thunderbolt equipped computer to a Magma ExpressBox 3T containing PCIe cards for video capture, media transcoding, audio processing and fast data storage. And, because Thunderbolt is also based on DisplayPort technology, you can daisy chain a high-resolution display with your Magma ExpressBox 3T.

Benefits:

- Attach PCIe cards to Thunderbolt equipped mobile and all-in-one computers
- Extension of PCI Express signals outside the computer
- Easily use PCIe cards with multiple computers
- Daisy-chain or end-point device

Features:

- Easy Plug and Play installation
- Use any combination of x1, x4, x8 and x16 PCIe cards
- Control fan speed and noise
- Hot-swappable cooling fan
- Additional blower fan for extra hot cards
- 220W-250W Power Supply with auxillary tabs
- Optional built in drive-bay for up to four (4) 2.5” SSD or SAS/SATA drives

Rock Solid Innovation - PCI Express Expansion Made Simple

Magma ExpressBox 3T provides a seamless solution for using PCI Express cards with Thunderbolt enabled computers. Many companies have a significant investment in PCI Express cards but as the size of computers gets smaller, available expansion slots have been reduced or completely eliminated. The Magma ExpressBox 3T system provides a “migration path” to Thunderbolt enabled computers while protecting your investment in PCI Express hardware.

Thunderbolt to PCIe expansion is a natural evolution for Magma’s ExpressBox family of products. Magma’s expertise in developing products that extend PCI and PCI Express signals over a cable and outside the computer provides a reliable foundation for producing rock solid products that perform as expected even in the most demanding configurations.

3T– Front and Rear View

1. Power Indicator
2. PCIe card slot openings
3. Thunderbolt ports
4. Power cord socket

Hardware Included

5. Blower (if needed for cooling)
6. Carry Bag
7. German Power Cord

Options

9. Build in drive bay for up to fore 2,5” SSD or SAS/SATA drives
10. 2 meter Thunderbolt cable

Configuration / Order Informations:

Order number	Model	Description
WM1-095-300	EB3T	3-Slot Thunderbolt to PCI Express Expansion
WM1-095-310	EB3T-DB	3-Slot Thunderbolt to PCI Express Expansion with build in drive bay for up to fore 2,5” SSD or SAS/SATA drives
Option:		
WM1-129-410	TB-Cable-2m	2 meter Thunderbolt cable

Specifications:

Backplane

(3) Full Length PCI Express Slots
-two x8 PCIe 2.0
-one x4 PCIe 2.0
One slot accommodates x16

Cable Required

Thunderbolt (Sold Separately)

Interconnect Bandwidth

10 Gbps Bi-directional

Enclosure

Aluminum Chassis
14.6"L x 4.3"W x 7.9"H
(371mm L x 110mm W x 200mm H)

System Cooling

(1) Hot Swappable Fan
(1) Removable Blower Fan

Chassis Power Supply

250 Watt Power Supply
100 to 240 VAC, 47 to 63 Hz Power Input
12V @ 60 Ampere
3.3V @ 33 Ampere

Environmental

Ambient Temperature: 0° to 50° C,
Storage Temperature: -20° to 125°C
Relative Humidity: 0% to 95%, non-condensing

MTBF

50,000 hours

Regulatory Compliance

FCC Class A Verified
RoHS Compliant
CE Certified

Supported Operating Systems

Windows
MacOS X

Warranty

1 year return to factory